



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Abhishek Singh

Confirmation No.: Not Yet Assigned

Group Art Unit: 2635

Sérial No.: 10/638,218

Examiner: Not Yet Assigned

Filed: August 7, 2003

Docket No.: 062020-1390

For: Secure Authentication of a User to a System and Secure Operation Thereafter

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or
(within Three months of filing national application; or date of entry of international application; or before
mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement Under 37 C.F.R. 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever
occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the
issue fee)

Enclosed is a check in the amount of \$. Please charge \$ to deposit account . At any time during the
pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The
Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

☒ Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies
(where required) of patents, publications or other information of which applicant(s) are aware, which applicant(s)
believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose
in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and
other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in
37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent
is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English
language version of the search report or action which indicates the degree of relevance found by the foreign office is listed
on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.

By:

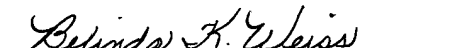


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CERTIFIED MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as "First Class Mail," in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Dec. 1, 2003


Signature

Form PTO-144



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
062020-1390Serial No.
10/638,218Applicant
Abhishek SinghFiling Date
August 7, 2003Group
2635

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	US 2001/0007592	07/12/01	Pu et al.	382	116	
	B	US 2001/0026632	10/04/01	Tamai	382	116	
	C	US 2001/0029411	10/11/01	Hawthorne	701	19	
	D	US 2001/0030644	10/18/01	Allport	345	173	
	E	US 2001/0045458	11/29/01	Polansky	235	382	
	F	US 2001/0048025	12/06/01	Shinn	235	382	
	G	US 2002/0034319	03/21/02	Tumey et al.	382	116	
	H	US 2002/0056747	05/16/02	Matsuyama et al.	235	382	
	I	US 2002/0063154	05/30/02	Hoyos et al.	235	382.5	
	J	US 2003/0011758	01/16/03	Ochiai	356	71	
	K	US 2003/0031348	02/13/03	Kuepper et al.	382	116	
	L	US 2003/0033534	02/13/03	Rand et al.	713	185	
	M	US 2003/0071743	04/17/03	Seah et al.	340	945	
	N	US 2003/0088780	05/08/03	Kuo et al.	713		

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	O	JP0200020609A	01/21/00	Japan				
	P	JP02000251397A	09/14/00	Japan				
	Q	JP02001156921A	06/08/01	Japan				
	R	JP401191200A	08/01/89	Japan				
	S	JP402204585A	08/14/90	Japan				
	T	JP403157084A	07/05/91	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

U	Website Literature, "findBiometrics.com – Multimodal Biometrics Guides and Articles" dated June 11, 2003, 4 pages.
V	Conrad Sanderson, Beng (Hons), Abstract presented to The School of Microelectronic Engineering, August, 2002 entitled, "Automatic Person Verification Using Speech and Face Information, 3 pages.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:



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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	W	4,821,118	04/11/89	Lafreniere	358	108	
	X	5,103,486	04/07/92	Grippi	382	4	
	Y	5,367,295	11/22/94	Gokcebay et al.	340	825.31	
	Z	5,386,104	01/31/95	Sime	235	379	
	AA	5,473,144	12/05/95	Mathurin, Jr.	235	380	
	AB	5,548,660	08/20/96	Lemelson	382	116	
	AC	5,581,630	12/03/96	Bonneau, Jr.	382	116	
	AD	5,629,678	05/13/97	Gargano et al.	340	573	
	AE	5,648,648	07/15/97	Chou et al.	235	382	
	AF	5,686,765	11/11/97	Washington	307	10.5	
	AG	5,719,950	02/17/98	Osten et al.	382	115	
	AH	5,768,383	06/16/98	Sansone et al.	380	23	
	AI	5,793,881	08/11/98	Stiver et al.	382	115	
	AJ	5,862,247	01/19/99	Fisun et al.	382	116	
	AK	5,907,286	05/25/99	Kuma	340	825.31	
	AL	5,920,642	07/06/99	Merjanian	382	126	
	AM	5,987,155	11/16/99	Dunn et al.	382	116	
	AN	6,078,265	06/20/00	Bonder et al.	340	825.31	
	AO	6,128,398	10/03/00	Kuperstein et al.	382	118	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	
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	AS	6,144,293	11/07/00	Plaschko et al.	340	426	
	AT	6,213,391	04/10/01	Lewis	235	380	
	AU	6,225,890	05/01/01	Murphy	340	426	
	AV	6,317,544	11/13/01	Diehl et al.	385	115	
	AW	6,343,140	01/29/02	Brooks	382	115	
	AX	6,430,305	08/06/02	Decker	382	116	
	AY	6,445,820	09/03/02	Love	382	187	
	AZ	6,483,929	11/19/02	Murakami et al.	382	115	
	BA	6,490,443	12/03/02	Freeny, Jr.	455	406	
	BB	6,498,970	12/24/02	Colmenarez et al.	701	36	
	BC	6,510,236	01/21/03	Crane et al.	382	116	
	BD	6,539,101	03/25/03	Black	382	124	
	BE	6,549,913	04/15/03	Murakawa	707	104.1	
	BF	6,565,000	05/20/03	Sehr	235	384	
	BG	6,567,775	05/20/03	Maali et al.	704	231	
	BH						
	BI						
	BJ						
	BK						

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	BL						
	BM						

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	BN	
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